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EXC - 1571
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17 April 1961

MEMORANDUM FOR : Chief, Development Branch, DPD-DO/P

SUBJECT : Summary - Attached Report "VT11D-20
Engine Program Review"

1. Pratt & Whitney, Florida, was visited by the writer during the week of 10 April 1961 for subject review. Summarized highlights of this review are presented herewith.

2. Interchangeability between A-12 and initial AF-12 engines may be jeopardized by increased electrical power requirements of the AF-12. Engine interchangeability is mandatory for mutual benefits to be realized from the currently planned common spare engine pool.

3. Ejector trailing edge flap failure occurring 12 April after two hours engine test stand operation appears to require flap design modification.

4. Present planning to increase engine development testing calls for initial I engine parts to be phased into the development program immediately and permanently. All 33 flight engines including initial deliveries therefore will be built to the I prototype configuration.

5. A relatively deep rooted and heretofore inconspicuous compressor problem has been surfaced by inadvertent violent surge during test. Corrective action is underway.

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6. Initial batches of [] fuel produced to the PW-523 specification fall slightly short of specification. This deficiency is expected to be temporary.

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7. On 12 April, [] reversed their current position from one of reluctance to one of apparent eagerness to produce PW-523 fuel.

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25X1

[]
Development Branch
DPD-DO/P

Attachment:

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